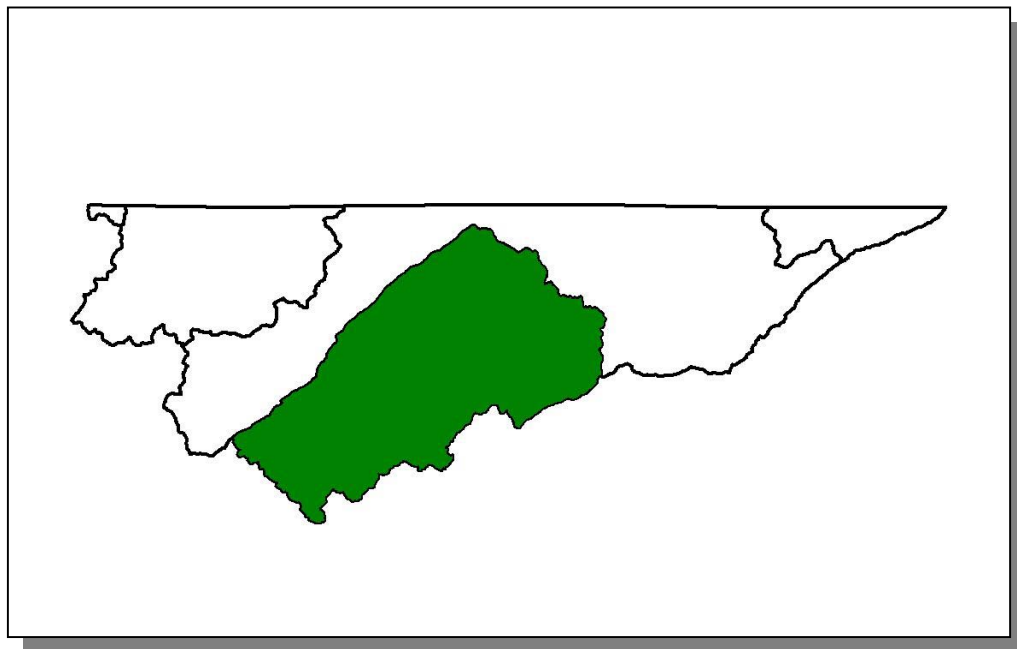
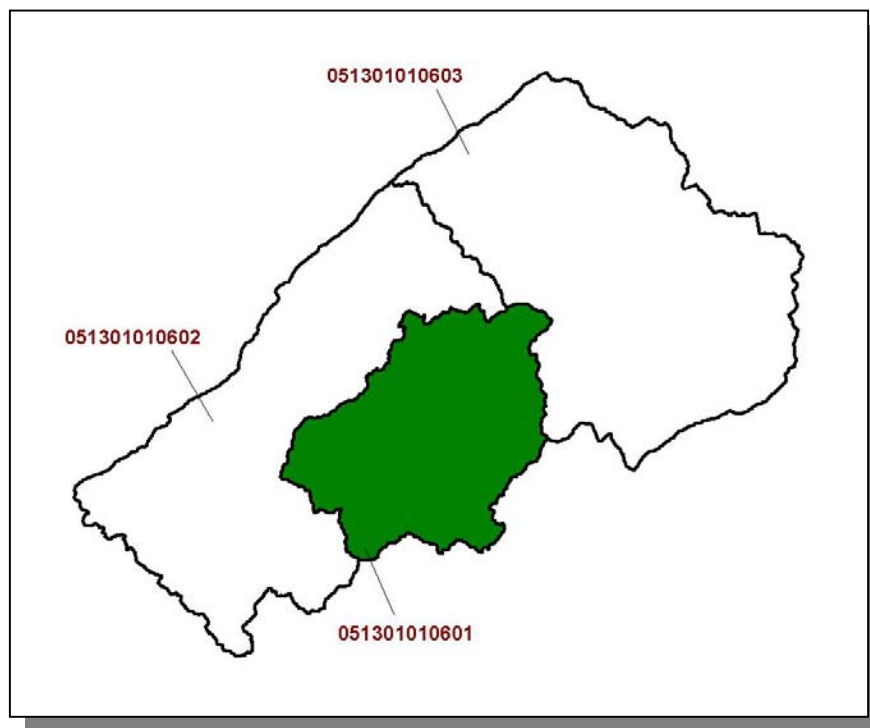


**4.2.C. 0513010106.**

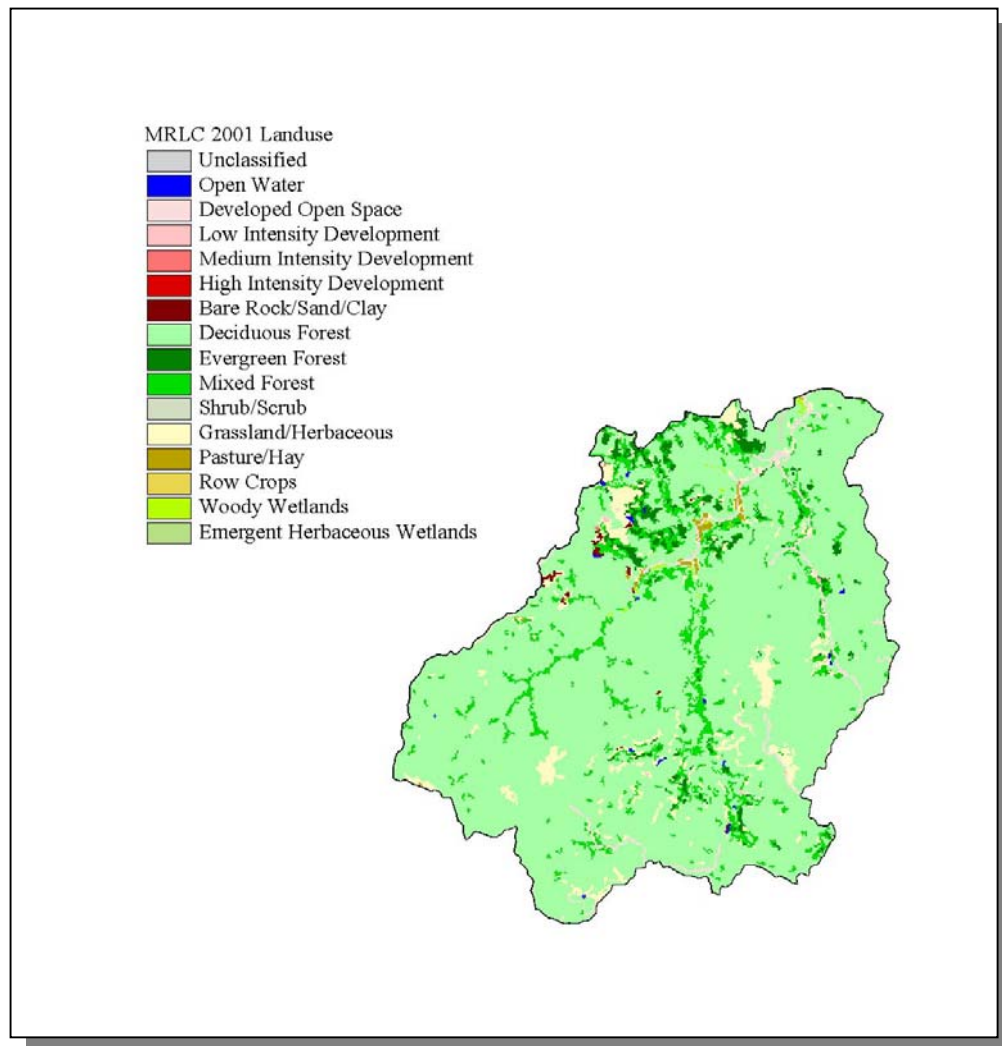


**Figure 4-48. Location of Subwatershed 0513010106.** All Clear Fork of the Cumberland River HUC-10 subwatershed boundaries in Tennessee are shown for reference.

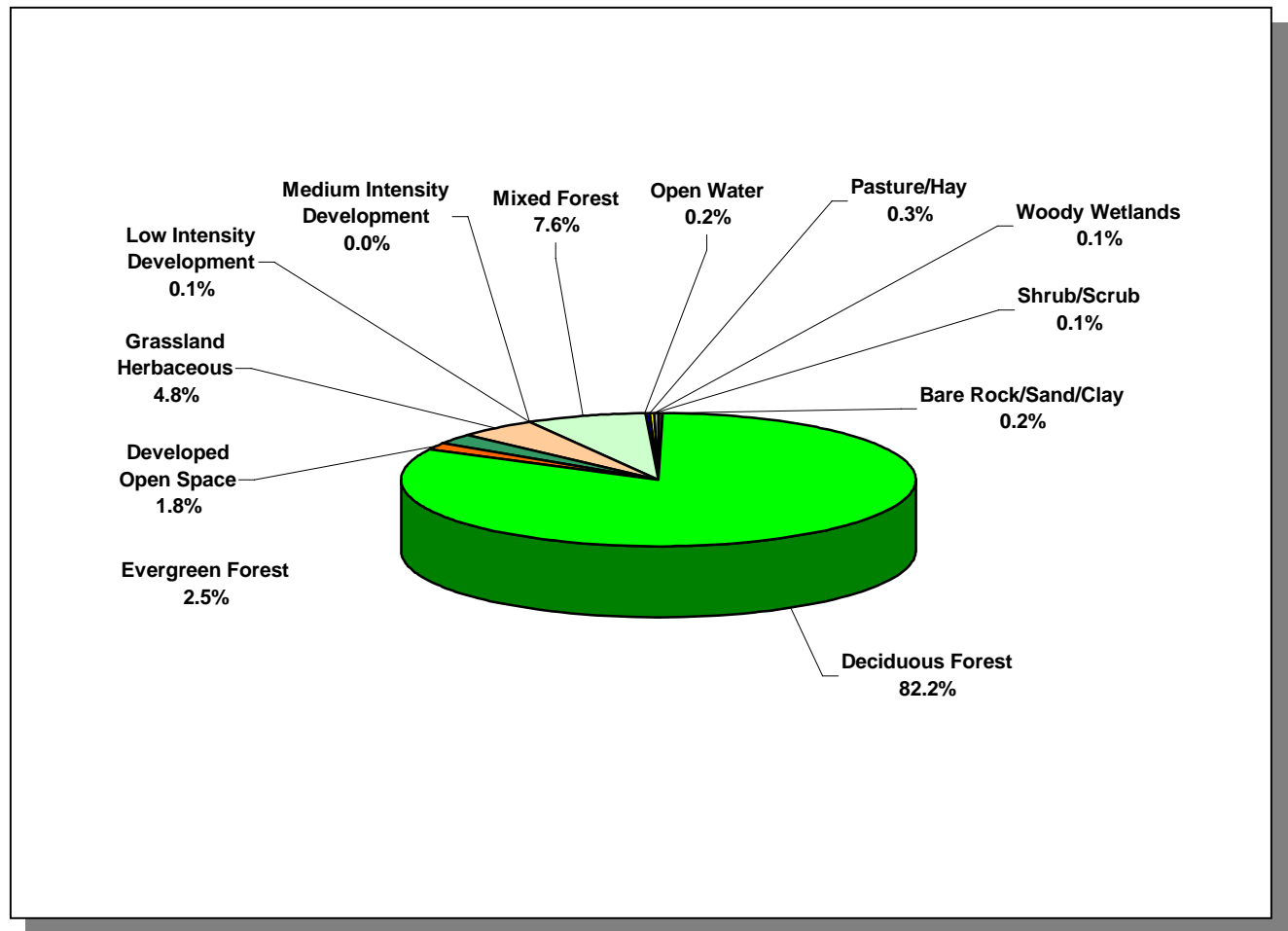
**4.2.C.i. 051301010601 (Hickory Creek).**



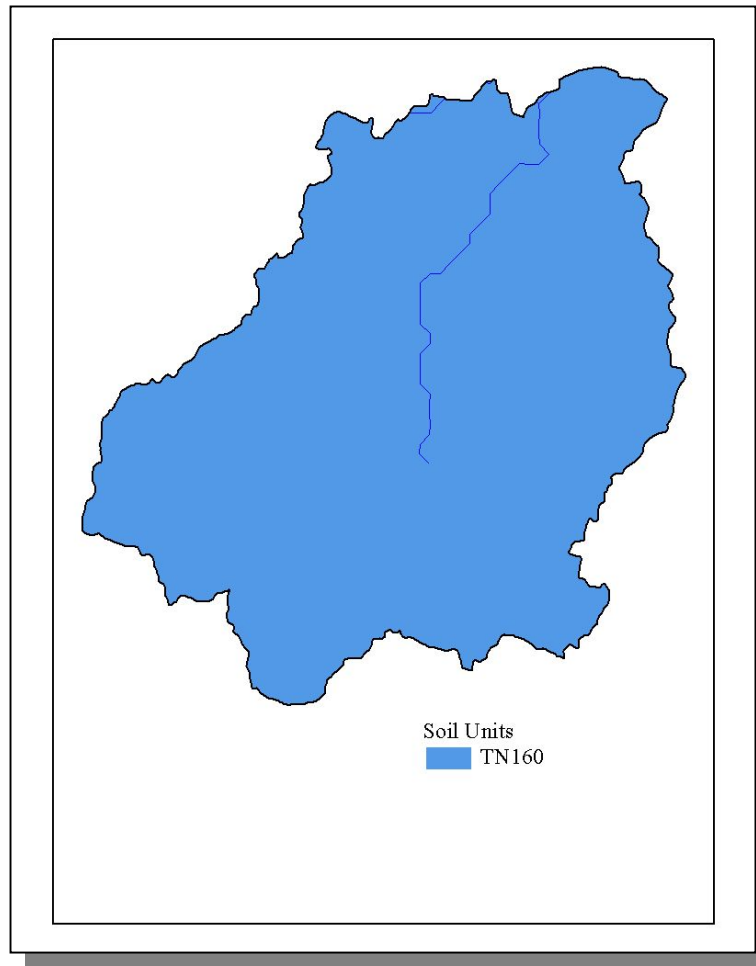
**Figure 4-49. Location of Subwatershed 051301010601.** All Clear Fork of the Cumberland River Watershed HUC-12 subwatershed boundaries in Tennessee are shown for reference.



**Figure 4-50. Illustration of Land Use Distribution in Subwatershed 0513010601.**



**Figure 4-51. Land Use Distribution in Subwatershed 051301010601.** More information is provided in Appendix IV.



**Figure 4-52. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 051301010601.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN160	0.00	B	2.69	5.36	Loam	0.25

**Table 4-48. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 051301010601.** The definition of "Hydrologic Group" is provided in Appendix IV.

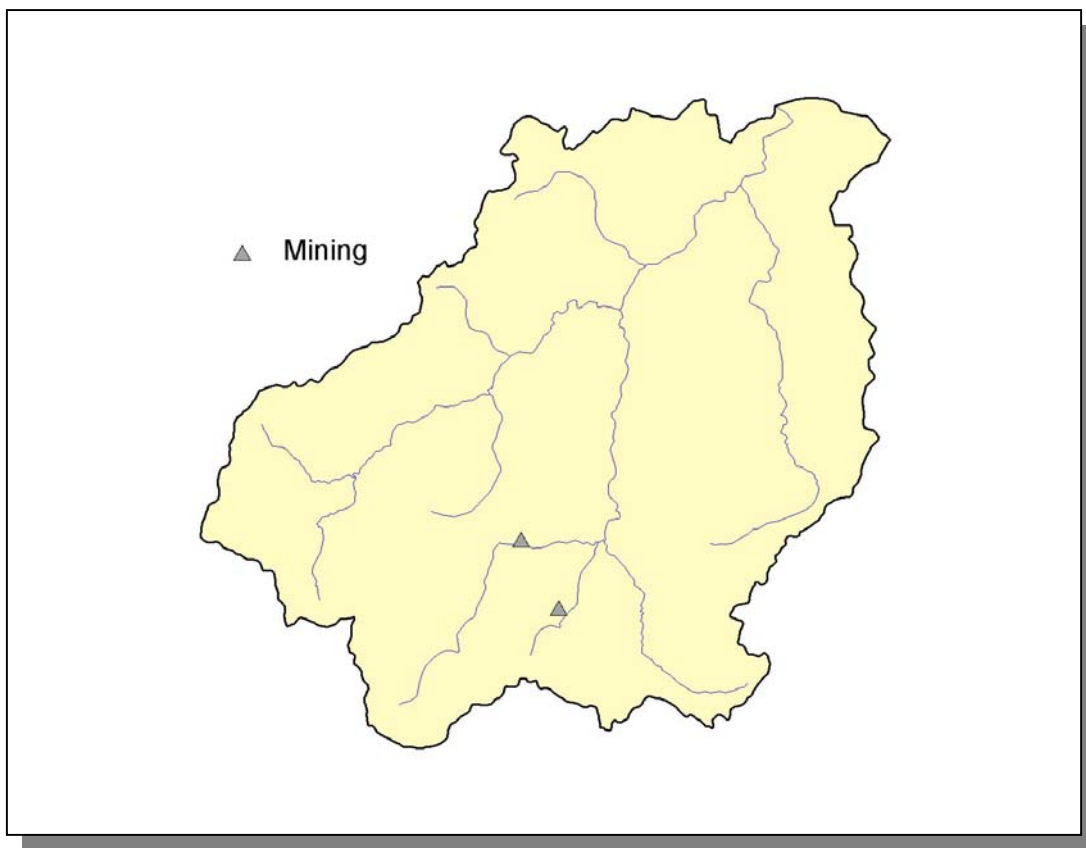
	COUNTY POPULATION				ESTIMATED POPULATION IN WATERSHED			
County	1990	1997	2000	Portion of Watershed (%)	1990	1997	2000	% Change (1990-2000)
Campbell	35,079	37,878	39,854	5.13	1,800	1,944	2,045	13.6

**Table 4-49. Population Estimates in Subwatershed 051301010601.**

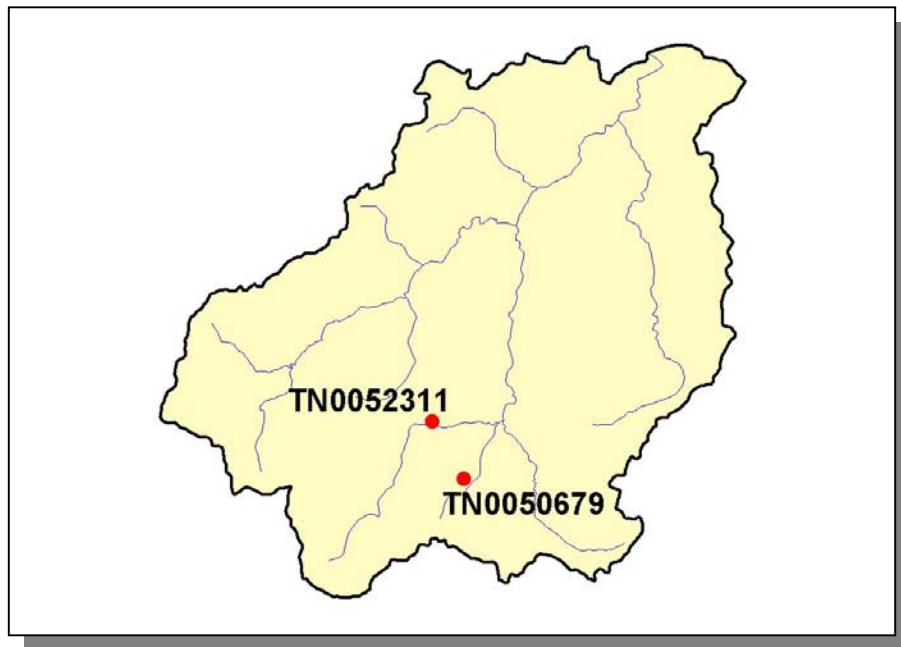


**Figure 4-53. Location of Historical Streamflow Data Collection Sites in Subwatershed 051301010601.** More information is provided in Appendix IV.

**4.2.C.i.a.** Point Source Contributions.



**Figure 4-54. Location of Permits Issued in Subwatershed 051301010601.** More information, including the names of facilities, is provided in Appendix IV.



**Figure 4-55. Location of Active Mining Sites in Subwatershed 051301010601.** More information, including the names of mining operations, is provided in Appendix IV.



**4.2.C.i.b. Nonpoint Source Contributions.**

LIVESTOCK COUNTS	
Beef Cow	Cattle
17	32

**Table 4-50. Summary of Livestock Count Estimates in Subwatershed 051301010601.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

LIVESTOCK COUNTS					
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs
Campbell	4,083	7,684	66	8	14

**Table 4-51. Summary of Livestock Count Estimates in Campbell County.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

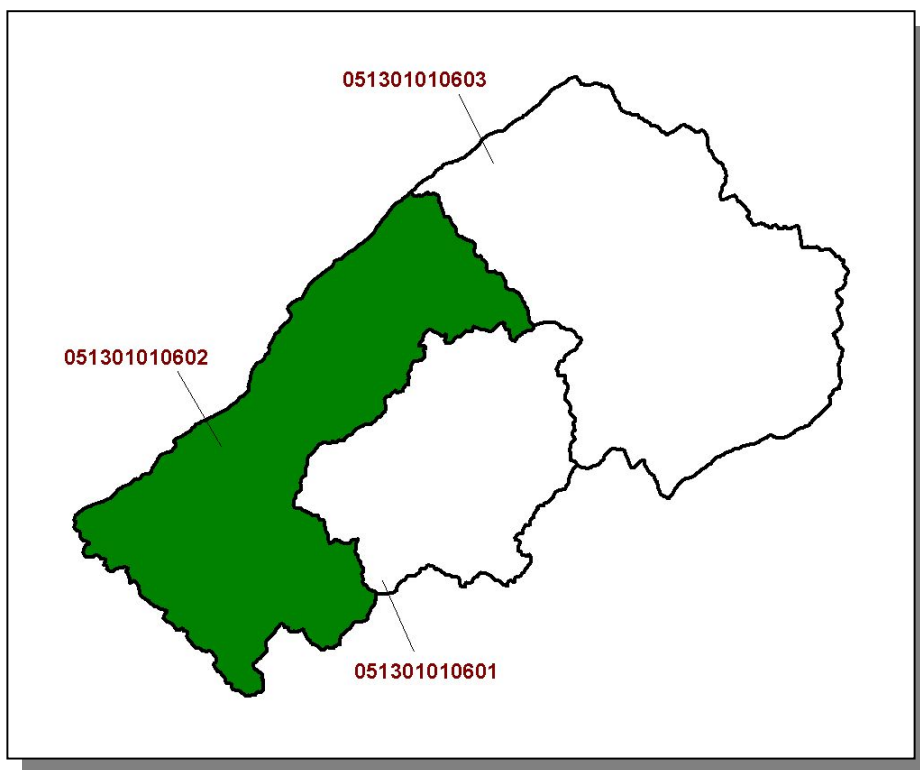
County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Campbell	250.3	250.2	2.6	10.6

**Table 4-52. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 051301010601.**

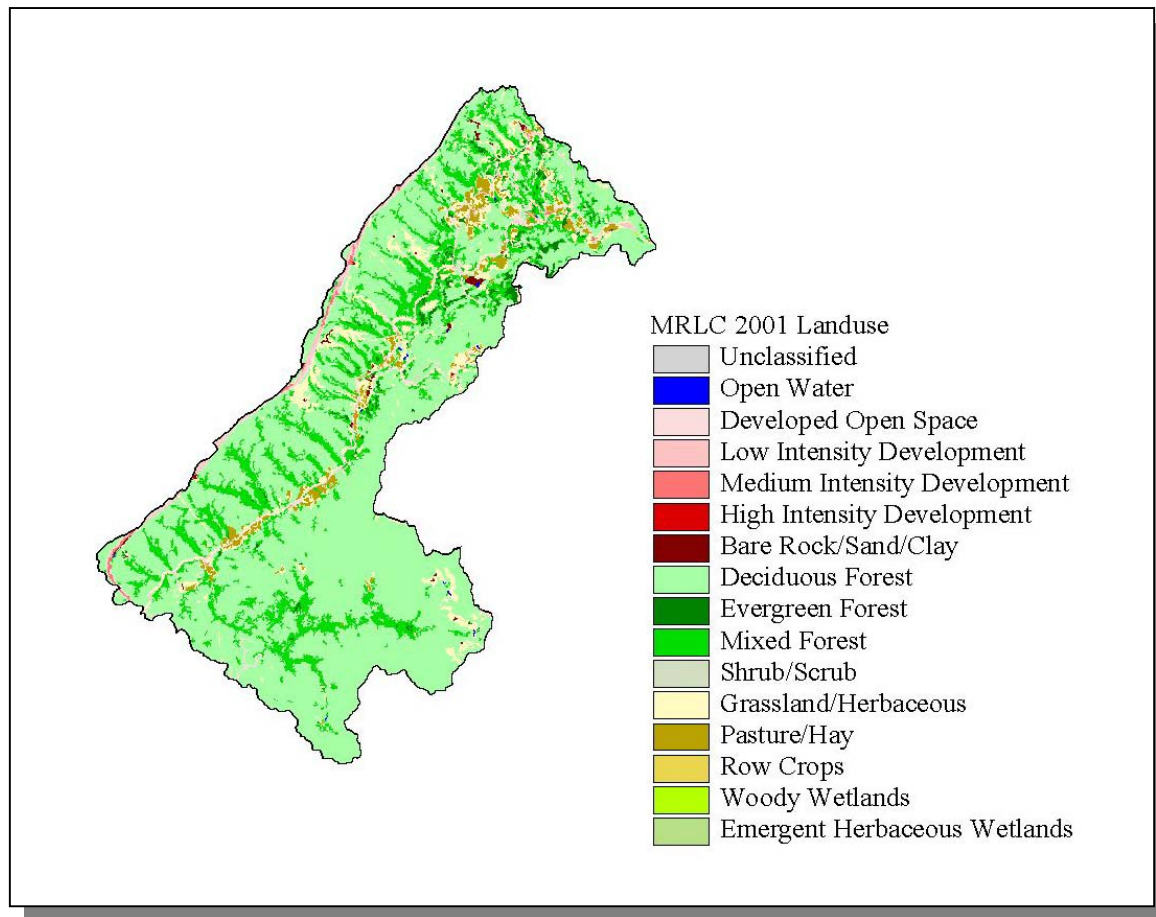
CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	1.73
Grass (Hayland)	1.78
Legumes, Grass (Hayland)	0.44
Grass, Forbs, Legumes (Mixed Pasture)	2.74
Tobacco (Row Crops)	15.11
Other Vegetable and Truck Crops	3.33
Other Vegetable and Truck Crops	3.33
Farmsteads and Ranch Headquarters	0.07

**Table 4-53. Annual Estimated Total Soil Loss in Subwatershed 051301010601.**

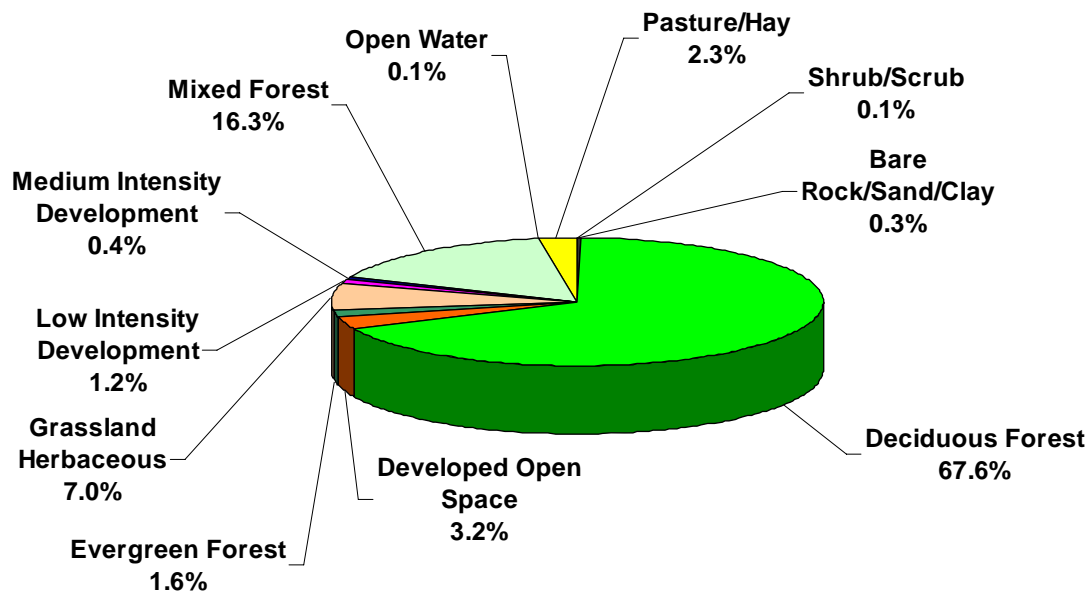
**4.2.C.ii. 051301010602 (Stinking Creek).**



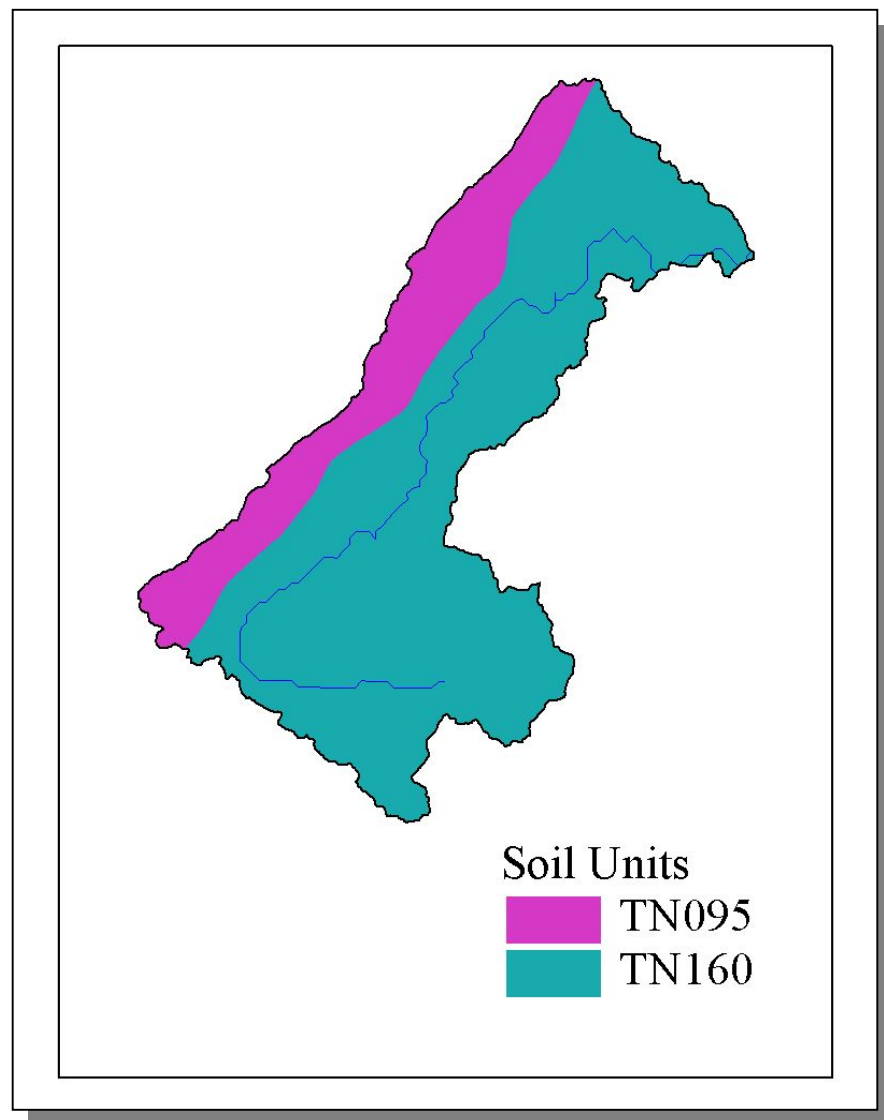
**Figure 4-56. Location of Subwatershed 051301010602.** All Clear Fork of the Cumberland River Watershed HUC-12 subwatershed boundaries in Tennessee are shown for reference.



**Figure 4-57. Illustration of Land Use Distribution in Subwatershed 051301010602.**



**Figure 4-58. Land Use Distribution in Subwatershed 051301010602.** More information is provided in Appendix IV.



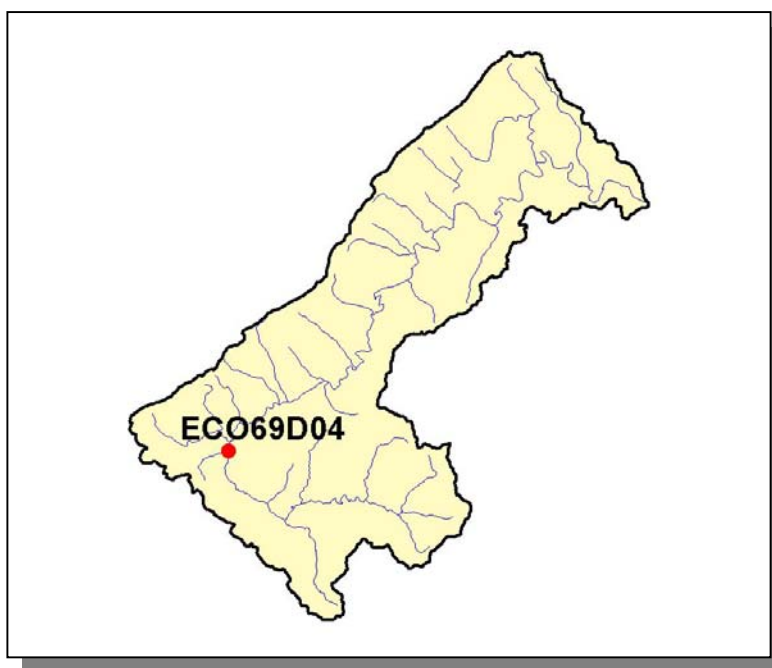
**Figure 4-59. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 051301010602.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN095	0.00	B	2.35	5.12	Loam	0.31
TN160	0.00	B	2.69	5.36	Loam	0.25

**Table 4-54. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 051301010602.** The definition of "Hydrologic Group" is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Campbell	35,079	37,878	39,854	8.39	2,944	3,179	3,345	13.6

**Table 4-55. Population Estimates in Subwatershed 051301010602.**

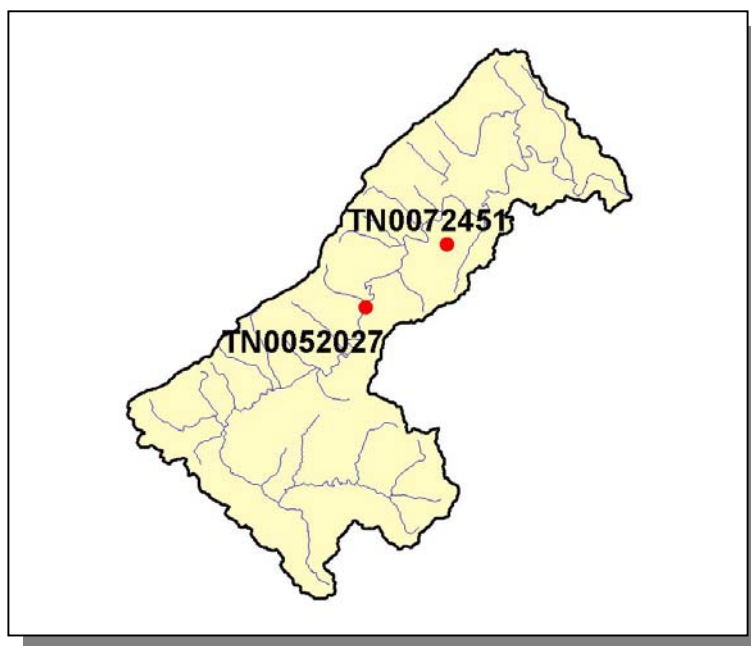


**Figure 4-60. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 051301010602.** More information, including site names and locations, and station numbers for sites located in the watershed outside of Tennessee, is provided in Appendix IV.

**4.2.C.ii.a. Point Source Contributions.**



**Figure 4-61. Location of Permits Issued in Subwatershed 051301010602.** More information, including the names of facilities, is provided in Appendix IV.



**Figure 4-62. Location of Active Mining Sites in Subwatershed 051301010602.** More information, including the names of mining operations, is provided in Appendix IV.



**4.2.C.ii.b. Nonpoint Source Contributions.**

LIVESTOCK COUNTS			
Beef Cow	Cattle	Milk Cow	Hogs
152	286	<5	<5

**Table 4-56. Summary of Livestock Count Estimates in Subwatershed 051301010602.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

LIVESTOCK COUNTS					
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs
Campbell	4,083	7,684	66	8	14

**Table 4-57. Summary of Livestock Count Estimates in Campbell County.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

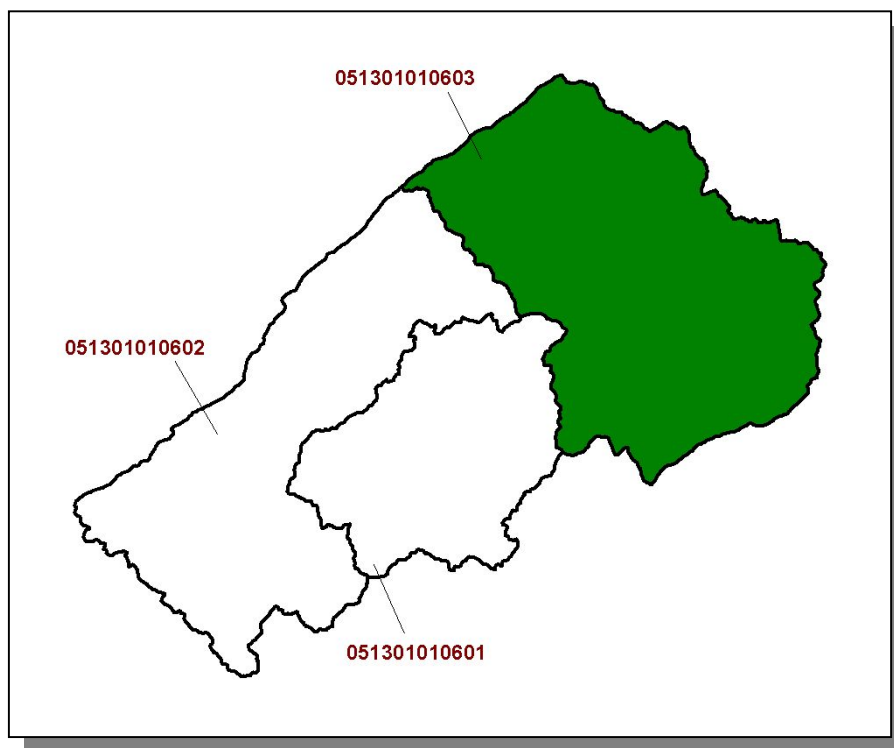
County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Campbell	250.3	250.2	2.6	10.6

**Table 4-58. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 051301010602.**

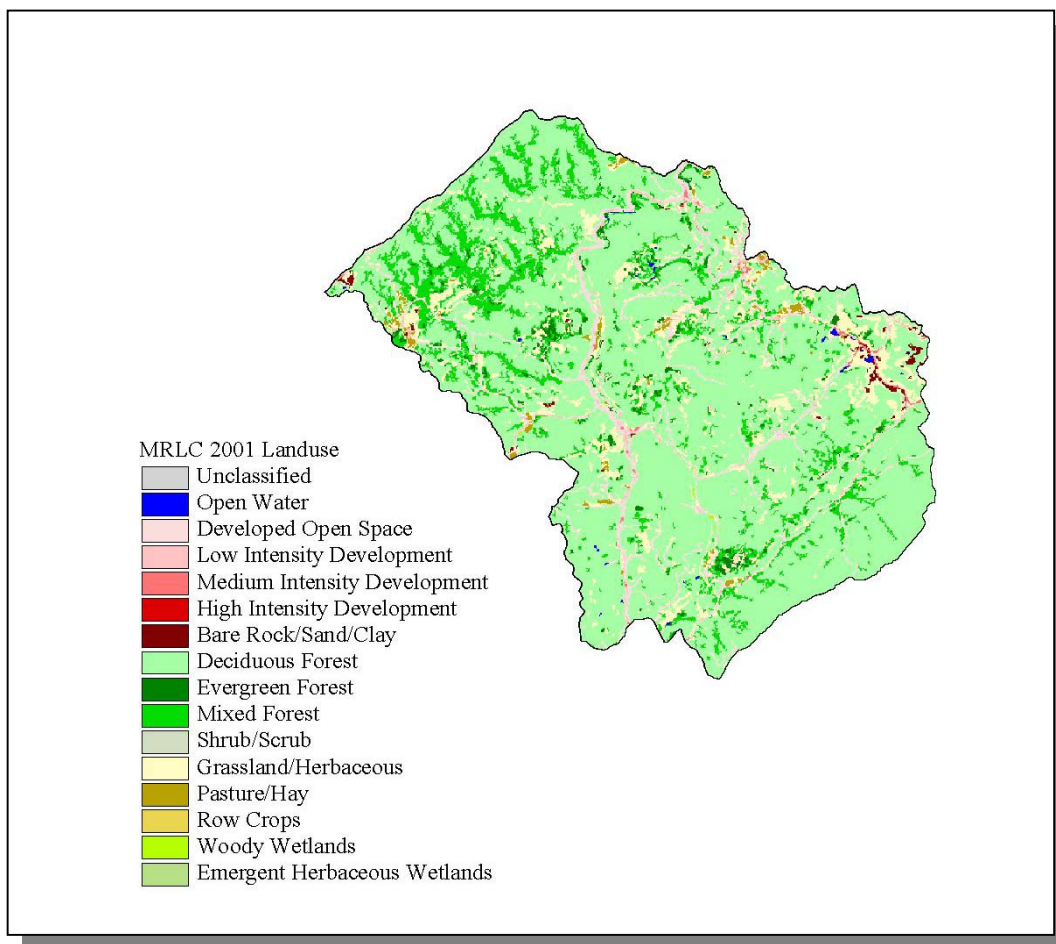
CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	1.73
Grass (Hayland)	1.78
Legumes, Grass (Hayland)	0.44
Grass, Forbs, Legumes (Mixed Pasture)	2.74
Tobacco (Row Crops)	15.11
Other Vegetable and Truck Crops	3.33
Farmsteads and Ranch Headquarters	0.07

**Table 4-59. Annual Estimated Total Soil Loss in Subwatershed 051301010602.**

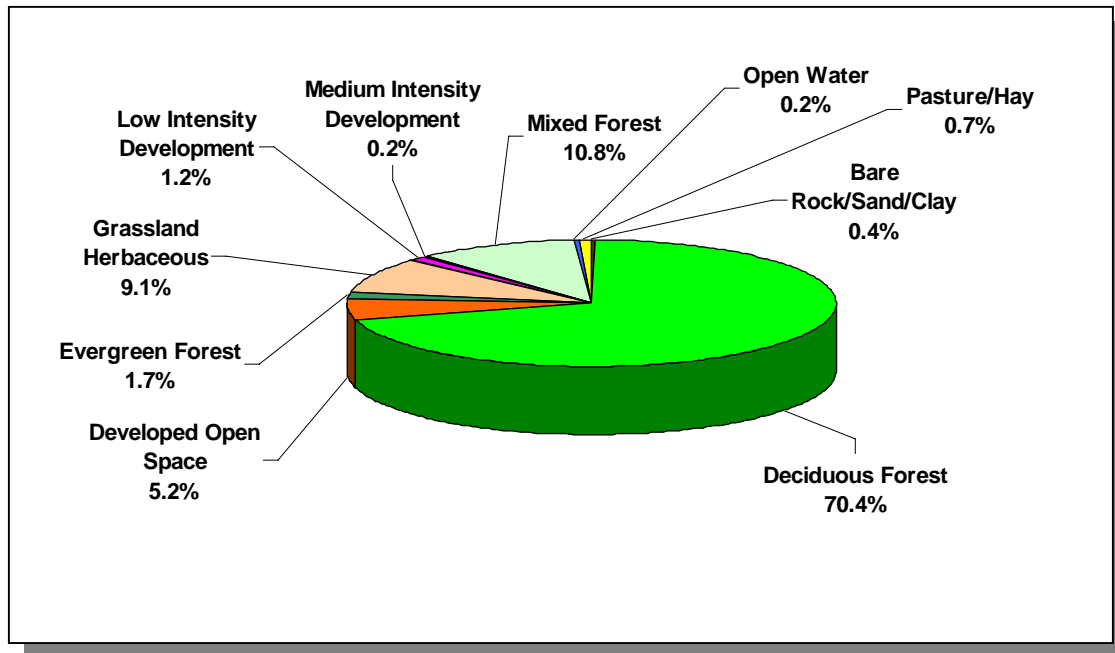
**4.2.C.iii. 051301010603 (Hickory Creek).**



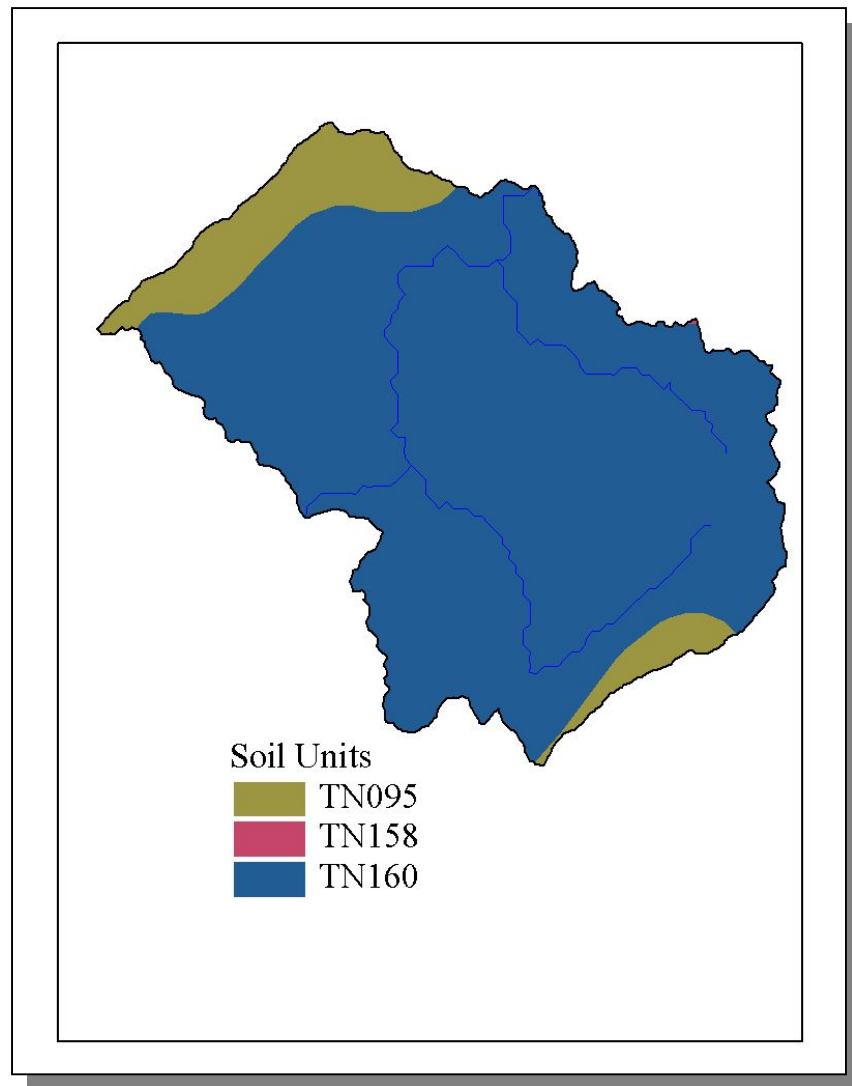
**Figure 4-63. Location of Subwatershed 051301010603.** All Clear Fork of the Cumberland River Watershed HUC-12 subwatershed boundaries in Tennessee are shown for reference.



**Figure 4-64. Illustration of Land Use Distribution in Subwatershed 051301010603.**



**Figure 4-65. Land Use Distribution in Subwatershed 051301010603.** More information is provided in Appendix IV.



**Figure 4-66. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 051301010603.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN095	0.00	B	2.35	5.12	Loam	0.31
TN158	22.00	C	1.89	5.14	Silty Loam	0.29
TN160	0.00	B	2.69	5.36	Loam	0.25

**Table 4-60. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 051301010603.** The definition of "Hydrologic Group" is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Campbell	35,079	37,878	39,854	10.15	3,561	3,845	4,046	13.6

**Table 4-61. Population Estimates in Subwatershed 051301010603.**

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Jellico	Campbell	2,470	1,107	1,026	64	17

**Table 4-62. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 051301010603.**

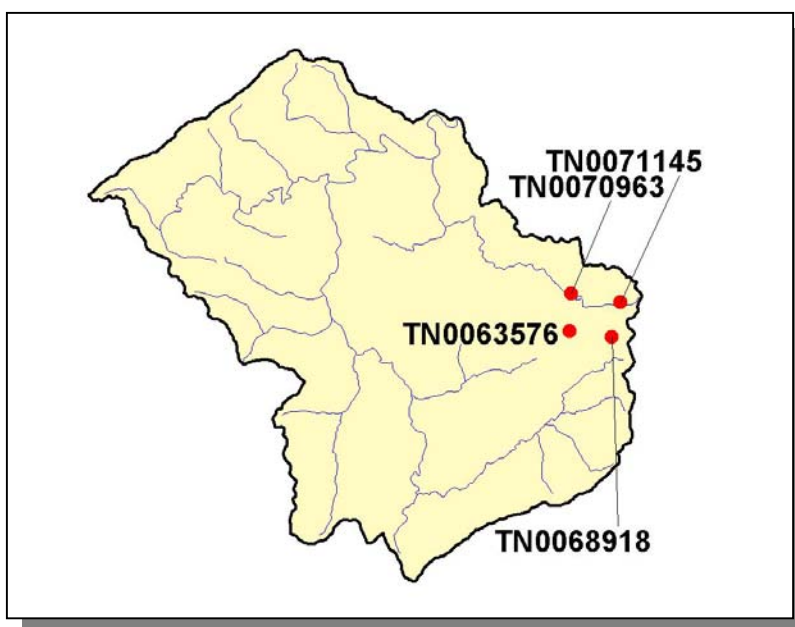


**Figure 4-67. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 051301010603.** More information, including site names and locations, and station numbers for sites located in the watershed outside of Tennessee, is provided in Appendix IV.

**4.2.C.iii.a.** Point Source Contributions.



**Figure 4-68. Location of Permits Issued in Subwatershed 051301010603.** More information, including the names of facilities, is provided in Appendix IV.



**Figure 4-69. Location of Active Mining Sites in Subwatershed 051301010603.** More information, including the names of mining operations, is provided in Appendix IV.



**4.2.C.iii.b. Nonpoint Source Contributions.**

LIVESTOCK COUNTS		
Beef Cow	Cattle	Milk Cow
70	132	<5

**Table 4-63. Summary of Livestock Count Estimates in Subwatershed 051301010603.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

LIVESTOCK COUNTS					
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs
Campbell	4,083	7,684	66	8	14

**Table 4-64. Summary of Livestock Count Estimates in Campbell County.** According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Campbell	250.3	250.2	2.6	10.6

**Table 4-65. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 051301010603.**

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	1.73
Grass (Hayland)	1.78
Legumes, Grass (Hayland)	0.44
Grass, Forbs, Legumes (Mixed Pasture)	2.74
Tobacco (Row Crops)	15.11
Other Vegetable and Truck Crops	3.33

**Table 4-66. Annual Estimated Total Soil Loss in Subwatershed 051301010603.**